

What is Claimed is:

1. A method for washing laundry in a washing machine, comprising the steps of:

supplying predetermined amounts of washing water and detergent to an outer
5 tub and an inner tub in the outer tub for holding laundry according to an amount of the laundry; and

rotating the inner tub and a pulsator in the inner tub at a predetermined speed by a motor, to wash the laundry by a centrifugal force.

10 2. The method as claimed in claim 1, wherein the step of supplying washing water and detergent includes the steps of;

fixing an amount of a first time washing water, and an amount of second time washing water greater than the amount of the first time washing water according to the amount of the laundry, and

15 supplying the washing water to the inner tub as much as the amount of the first time washing water.

3. The method as claimed in claim 1, further comprising the step of rotating the pulsator for mixing the supplied washing water and the detergent with the laundry
20 between the step of supplying washing water and detergent and the step of washing the laundry.

4. The method as claimed in claim 3, wherein, in the step of supplying washing water and detergent, the pulsator repeats one or the other direction rotation alternately
25 for a predetermined number of times.

5. The method as claimed in claim 1, wherein the step of washing laundry includes the steps of;

rotating the inner tub and the pulsator in one direction,

5 stopping the inner tub and the pulsator, and

rotating the inner tub and the pulsator in an opposite direction.

6. The method as claimed in claim 5, wherein the step of stopping the inner tub and the pulsator includes the step of turning on/off power supplied to the motor for a
10 preset time period to rotate the motor in a rotation direction opposite to the rotation direction of the motor in the step of rotating the inner tub and the pulsator in one direction.

7. The method as claimed in claim 1, wherein the step of washing laundry
15 further includes the steps of;

the washing water penetrating the laundry by a centrifugal force generated by rotation of the inner tub and the pulsator, and

the washing water rising along an inside wall of the outer tub, and introduced into the inner tub from a top of the inner tub.

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8. The method as claimed in claim 1, wherein the step of washing laundry further includes the steps of;

the washing water penetrating the laundry pushed onto an inside wall of the inner tub by a centrifugal force generated by rotation of the inner tub and the pulsator,

25 and

stopping the inner tub and the pulsator, to let the laundry fall down onto the pulsator.

9. The method as claimed in claim 1, wherein the step of washing laundry
5 further includes the step of;

rotating the pulsator for washing the laundry by pulsation of the pulsator.

10. The method as claimed in claim 1, wherein the step of rotating the pulsator
includes the step of rotating the inner tub having no rotation force of the motor
10 transmitted thereto together with the rotation of the pulsator in a direction opposite to
the rotation direction of the pulsator by a principle of action-reaction with respect to the
rotation of the pulsator.

11. A method for washing laundry in a washing machine, comprising the steps
15 of:

supplying predetermined amounts of washing water and detergent to an outer
tub and an inner tub in the outer tub for holding laundry, according to an amount of the
laundry;

rotating a pulsator for mixing the supplied washing water and the detergent with
20 the laundry; and

washing the laundry by a centrifugal force including the steps of;

rotating the inner tub and the pulsator in the inner tub in one direction at a
predetermined speed by a motor,

stopping the inner tub and the pulsator, and

25 rotating the inner tub and the pulsator in an opposite direction at a

predetermined speed by the motor.

12. The method as claimed in claim 11, wherein the step of stopping the inner tub and the pulsator includes the step of turning on/off power supplied to the motor for a
5 preset time period to rotate the motor in a rotation direction opposite to the rotation direction of the motor in the step of rotating the inner tub and the pulsator in one direction.

13. The method as claimed in claim 11, wherein the step of rotating the inner
10 tub and the pulsator before or after the step of stopping the inner tub and the pulsator includes the step of;

the washing water penetrating the laundry by a centrifugal force generated by rotation of the inner tub and the pulsator, and

the washing water rising along an inside wall of the outer tub, and introduced
15 into the inner tub from a top of the inner tub.

14. The method as claimed in claim 11, wherein the step of rotating the inner tub and the pulsator before or after the step of stopping the inner tub and the pulsator includes the step of;

20 the washing water penetrating the laundry pushed onto an inside wall of the inner tub by a centrifugal force generated by rotation of the inner tub and the pulsator, and

stopping the inner tub and the pulsator, to let the laundry fall down onto the pulsator.

15. The method as claimed in claim 11, wherein, in the step of washing the laundry, one or the other direction rotation of the inner tub and the pulsator are repeated for a predetermined number of times.

5 16. The method as claimed in claim 15, wherein the step of rotating the laundry further includes the step of rotating the pulsator to wash the laundry by pulsation of the pulsator after repetition of the one or the other direction rotation of the inner tub and the pulsator for a predetermined number of times.

10 17. The method as claimed in claim 16, wherein the step of rotating the pulsator includes the step of rotating the inner tub having no rotation force of the motor transmitted thereto together with the rotation of the pulsator in a direction opposite to the rotation direction of the pulsator by a principle of action-reaction with respect to the rotation of the pulsator.